

Wink

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May 24<sup>th</sup>.

Dear Dr Lederberg,

At last I am  
able to send you cultures of my  
two coli mutants which you asked  
for when I saw you at the Liba-  
Foundation in March. I'm sorry about  
the delay but there was a breakdown  
in our freeze-drying arrangements.

Esch. coli 173-25 is the one we  
originally got from Dr Davis but grows  
on minimal liquid-liquid substrate (it  
isn't very happy on agar I find) it may have  
changed slightly. However it still has  
an absolute requirement for DAP and is  
stimulated by lysine in a salts-glucose  
medium.

Esch. coli D is the one I got from  
173-25 & appears to be identical with

143-25 except that S has lost its  
partial requirement for lysine.

As they grow so badly on agar  
I would advise recovering them from  
the freeze-dried cultures into liquid  
media. They also revert easily &  
seem not stable when grown in  
minimal medium + DAP + lysine + glucose  
as described in Biochem 1957 66, 270.

I hope you will find them  
useful & that your most  
interesting work is progressing well.

Yours sincerely

Pauline Meadow.